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TRANSACTION ID

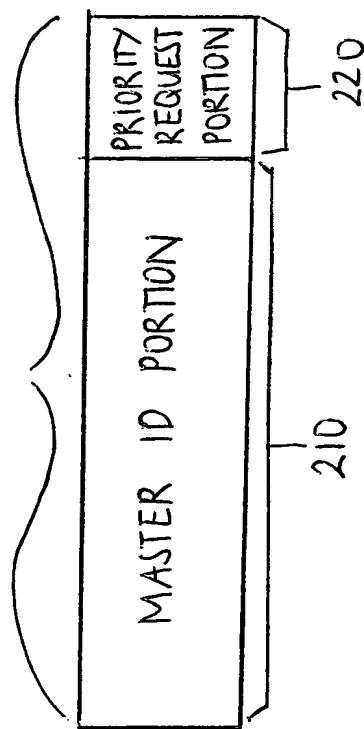


FIG 2A

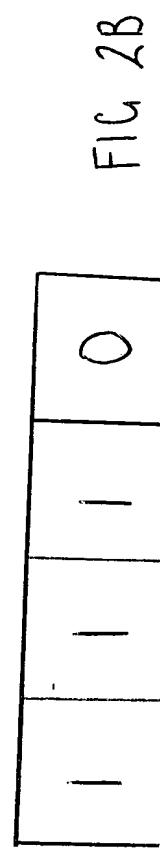


FIG 2B

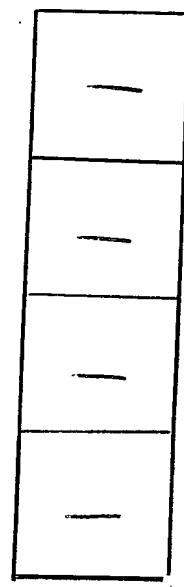


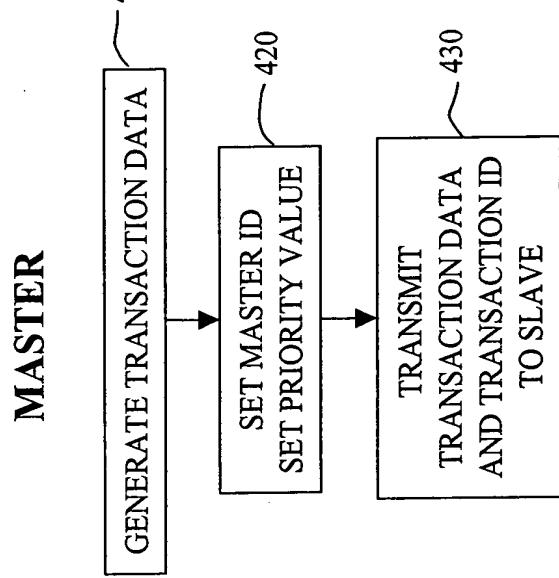
FIG 2C

MASTER ID	PRIORITY VALUE	PRIORITY TIMEOUT
00	0	100
00	1	2
01	0	110
01	1	4
10	0	90
10	1	10
11	0	100
11	1	2

Figure 3A

MASTER ID	PRIORITY VALUE	PRIORITY TIMEOUT
0	00	100
0	01	50
0	10	20
0	11	2
1	00	40
1	01	20
1	10	10
1	11	5

Figure 3B



SLAVE

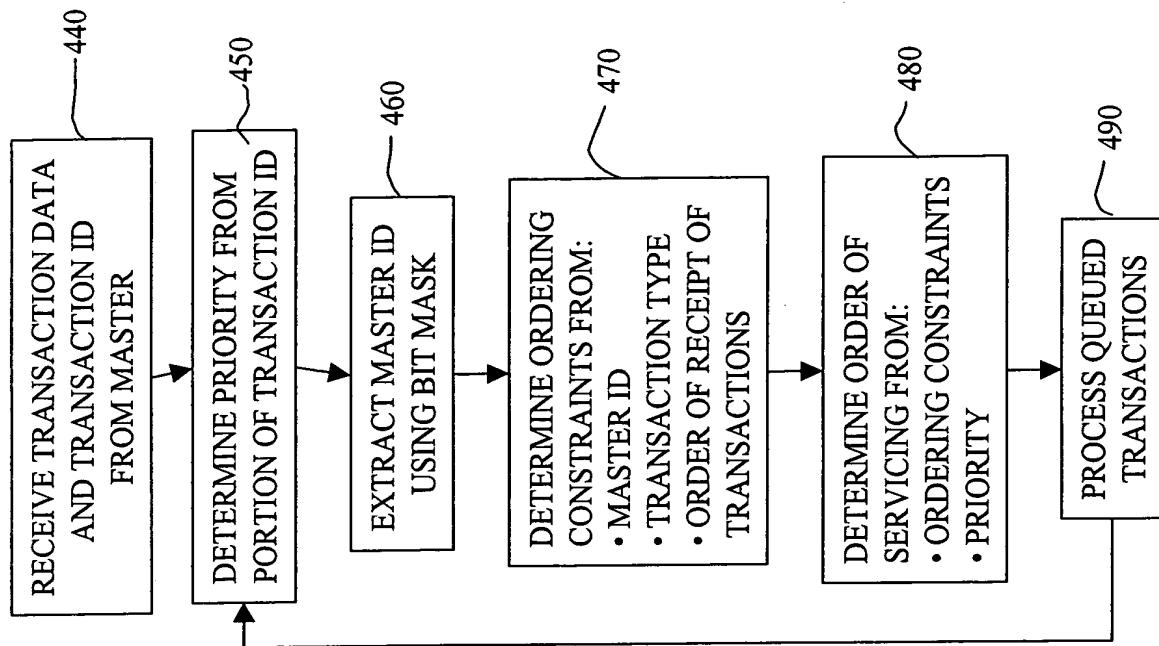


FIG 4

ORDERING IN TRANSACTION REQUEST BUFFER

TRANSACTION NUMBER	MASTER ID	PRIORITY	TRANSACTION TYPE
T1	110	LOW	W ₁
T2	111	LOW	W ₂
T3	111	HIGH	W ₃
T4	111	LOW	R ₄
T5	100	HIGH	R ₅

FIG 5A

ORDER OF SERVICING OF TRANSACTIONS

TRANSACTION NUMBER	TRANSACTION TYPE	PRIORITY
T5	R5	HIGH
T4	R4	LOW
T2	W2	LOW
T3	W3	HIGH
T1	W1	LOW

FIG 5B